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ABSTRACT

This book is a guide for parents and teachers of mathematically talented elementary school students. Chapters and sections include: (1) "Overview"; (2) "Historical and Current Perspectives"; (3) "Making Informed Educational Decisions"; (4) "Diagnostic Testing Followed by Prescriptive Instruction: SMPY's DT to PI Model"; (5) "Mathematics Curriculum and Materials"; (6) "Case Studies of Talented Youths"; (7) "Guidelines for a Useful Educational Assessment"; and (8) "Long-Term Planning." Appendices include: "Forms to Aid Educators and Parents," "Mathematical Olympiads for Elementary Schools," "The Constructivist Approach to Educating Mathematically Talented Students," and "Programs and Resources." (Contains 90 references.) (MKR)

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